



FORCHEM: CHEMICAL RESISTANT RUBBER SHEETS

FORCHEM special grade rubber sheets are high-performance materials designed to cater to specific industrial applications requiring enhanced properties such as durability, flexibility, and resistance to harsh conditions. These sheets are formulated with advanced rubber compounds and additives to provide superior performance across various environments.

FORCHEM-SILICONE



FORCHEM-Silicone is specifically recommended for applications where outstanding resistance to both high and low temperatures is essential. It offers exceptional protection against UV rays, ozone, atmospheric agents, and aging, ensuring long-term durability even in harsh environmental conditions. Additionally, it maintains strong physical and mechanical properties, even when exposed to high-temperature environments, making it ideal for use in demanding applications. Its ability to withstand a range of extreme conditions, including UV degradation and ozone exposure, makes it a reliable choice for industries requiring resilient and stable materials over time.

TECHNICAL SPECIFICATION

CODE	Colour	Tensile Strength, MPa	Elongation at Break, %	Shore Hardness, °A ±5	Specific Gravity g/cm ³ ±0.03	Abrasion Loss, -	Tear Strength, N/mm	Polymer
R-7411	●	8	600	40	1.12	-	15	Silicone

STANDARD THICKNESS

3mm ~ 50mm

STANDARD PRODUCTION WIDTH

1200mm ~ 2000mm

STANDARD ROLL LENGTH

10m - 50m

RANGE

- With & without bonding layer
- With tear off fabric backing
- Buffed back

FORCHEM- EPDM

This material contains a high percentage of EPDM (Ethylene Propylene Diene Monomer), which enhances its overall physical and mechanical properties. It offers exceptional resistance to high temperatures, as well as to various atmospheric agents, aging, and seawater, ensuring long-lasting durability in harsh environments. EPDM is particularly well-suited for outdoor applications, where it provides optimal resistance to ozone and temperature fluctuations. Additionally, this material is suitable for use in environments exposed to acids and solvents with medium to low concentrations, offering reliable performance and protection in these specific conditions. Its versatility and resilience make it ideal for a wide range of industrial and outdoor applications.



TECHNICAL SPECIFICATION

CODE	Colour	Tensile Strength, MPa	Elongation at Break, %	Shore Hardness, °A ±5	Specific Gravity g/cm ³ ±0.03	Abrasion Loss, mm ³ (at 10 N)	Tear Strength, N/mm	Polymer
R-4650	●	13	400	65	1.10	150	30	EPDM
R-4651	●	11	400	65	1.10	150	30	EPDM
R-4654	●	10	550	65	1.25	—	30	EPDM
R-4653	●	12	350	60	1.12	150	30	EPDM

STANDARD THICKNESS

3mm ~ 50mm

STANDARD PRODUCTION WIDTH

1200mm ~ 2000mm

STANDARD ROLL LENGTH

10m - 50m

RANGE

- With & without bonding layer
- With tear off fabric backing
- Buffed back



FORCHEM-NITRILE/NBR+SBR

FORCHEM-NITRILE sheeting has a high content of nitrile polymer making it well suited for contact with unleaded petrol, diesel and other oils in general. It provides exceptional resistance to aging and offers reliable mechanical properties with effective performance in environments where exposure to oils and fuels is severe.

FORCHEM BLENDED NBR/SBR sheets contain a moderate amount of nitrile polymer. These sheets demonstrate excellent resistance to oils, Petroleum based substances and under varying environmental conditions. The material maintains good mechanical properties and offers a balanced combination of strength and flexibility making it ideal for a variety of industrial applications.

TECHNICAL SPECIFICATION

CODE	Colour	Tensile Strength, MPa	Elongation at Break, %	Shore Hardness, °A ±5	Specific Gravity g/cm ³ ±0.03	Abrasion Loss, mm ² (at 10 N)	Tear Strength, N/mm	Polymer
R-3600	●	20	450	60	1.16	100	50	NBR
R-3606	●	10	400	60	1.20	200	40	NBR
R-3654	●	11	450	65	1.23	250	30	NBR
R-3650	●	14	450	65	1.25	200	30	NBR
R-3660	●	14	500	65	1.17	150	40	NBR/SBR
R-3661	●	15	400	65	1.14	150	30	NBR/SBR
R-3670	●	12	400	65	1.25	250	-	NBR/SBR

STANDARD THICKNESS

 3mm ~ 50mm

STANDARD PRODUCTION WIDTH

 1200mm ~ 2000mm

STANDARD ROLL LENGTH

 10m - 50m

RANGE

- With & without bonding layer
- With tear off fabric backing
- Buffed back

FORCHEM BIIR

FORCHEM BIIR lining material offers excellent diffusion resistance to gases and saturated water vapor. It has excellent chemical resistance to mineral acids and bases. An ideal material for lining of Flue Gas Desulphurization (FGD) plants, crystallizers, ship cargo holds and pickling tanks. It is an excellent weather proofing material as well.



TECHNICAL SPECIFICATION

CODE	Colour	Tensile Strength, MPa	Elongation at Break, %	Shore Hardness, °A ±5	Specific Gravity g/cm ³ ±0.03	Abrasion Loss, mm ² (at 5 N)	Tear Strength, N/mm	Polymer
R-5506	●	8	600	50	1.20	225	-	BIIR

STANDARD THICKNESS

 3mm ~ 50mm

STANDARD PRODUCTION WIDTH

 1200mm ~ 2000mm

STANDARD ROLL LENGTH

 10m - 50m

RANGE

- With & without bonding layer
- With tear off fabric backing
- Buffed back

FORCHEM-CR

FORCHEM-CR sheets are fire-resistant and anti-static, having passed rigorous testing, making it ideal for overground mining applications. These specialized anti-static rubber sheets provides excellent physical properties, including high mechanical strength and moderate resistance to abrasion, impact, and UV exposure. As a result, it is perfectly suited for sealing, insulating, and isolating in atex environments.



TECHNICAL SPECIFICATION

CODE	Colour	Tensile Strength, MPa	Elongation at Break, %	Shore Hardness, °A ±5	Specific Gravity g/cm ³ ±0.03	Abrasion Loss, mm ³ (at 10 N)	Tear Strength, N/mm	Polymer
R-2500	●	12	500	50	1.35	-	40	CR
R-2651	●	10	350	65	1.45	350	40	CR
R-2701	●	20	400	70	1.35	100	45	CR

STANDARD THICKNESS

 3mm ~ 50mm

STANDARD PRODUCTION WIDTH

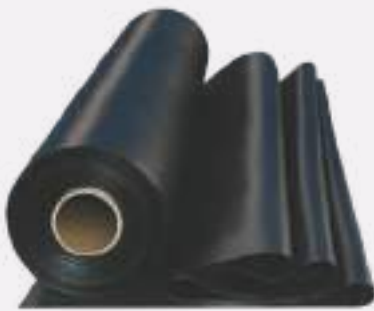
 1200mm ~ 2000mm

STANDARD ROLL LENGTH

 10m - 50m

RANGE

- With & without bonding layer
- With tear off fabric backing
- Buffed back



FORCHEM-CR ECO

This special grade rubber sheet is cost-effective wear protection option for a range of applications which is combination of chloroprene and natural rubber. This has a moderate resilience to wear and tear and is intended for use in dry applications. This eco grade rubber sheets with CN bonding layer guarantees that the adhesive will hold up for a long time. Even in harsh temperatures or demanding locations, this durable bond offers dependable performance. It increases the bonded surfaces and materials overall strength.

TECHNICAL SPECIFICATION

CODE	Colour	Tensile Strength, MPa	Elongation at Break, %	Shore Hardness, °A ±5	Specific Gravity g/cm ³ ±0.03	Abrasion Loss, mm ³ (at 10 N)	Tear Strength, N/mm	Polymer
R-2606	●	10	450	60	1.30	250	40	NR/CR/NBR
R-2706	●	10	350	70	1.30	200	30	NR/CR/NBR

STANDARD THICKNESS

 3mm ~ 50mm

STANDARD PRODUCTION WIDTH

 1200mm ~ 2000mm

STANDARD ROLL LENGTH

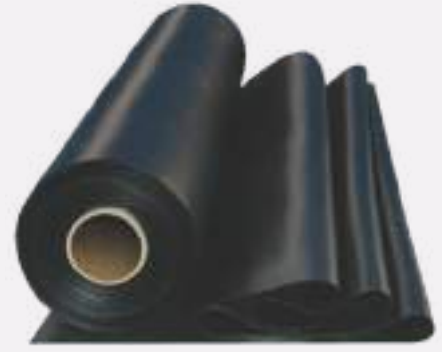
 10m - 50m

RANGE

- With & without bonding layer
- With tear off fabric backing
- Buffed back

FORCHEM-BLEND

FORCHEM blended material is widely utilized for anti-vibration purposes in pre-fabricated buildings or as a containment panel. It offers reliable physical and mechanical properties, making it suitable for a variety of applications. In addition, it provides excellent resistance to atmospheric conditions, ensuring durability and long-lasting performance. Whether used in construction or industrial settings, this material ensures enhanced stability and protection against external forces and environmental factors.



TECHNICAL SPECIFICATION

CODE	Colour	Tensile Strength, MPa	Elongation at Break, %	Shore Hardness, °A ±5	Specific Gravity g/cm³ ±0.03	Abrasion Loss, mm³ (at 10 N)	Tear Strength, N/mm	Polymer
R-3620	●	10	350	60	1.23	250	30	PVC-NBR/CR
R-3662	●	12	400	60	1.14	200	30	NBR/SBR
R-3670	●	12	400	65	1.25	250	30	NBR/SBR

STANDARD THICKNESS

 3mm ~ 50mm

STANDARD PRODUCTION WIDTH

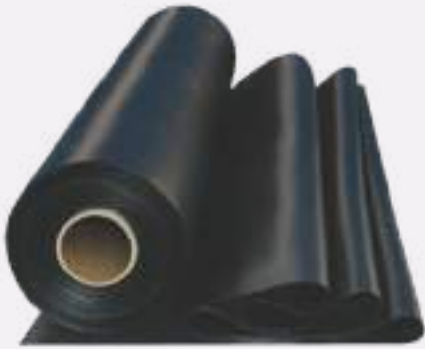
 1200mm ~ 2000mm

STANDARD ROLL LENGTH

 10m - 50m

RANGE

- With & without bonding layer
- With tear off fabric backing
- Buffed back



FORCHEM HYPALON

FORCHEM HYPALON offers moderate resistance to aging, ozone, atmospheric agents, heat, and abrasion. Additionally, it provides good resistance to highly oxidizing chemicals and medium to low concentration chemical agents.

TECHNICAL SPECIFICATION

CODE	Colour	Tensile Strength, MPa	Elongation at Break, %	Shore Hardness, °A ±5	Specific Gravity g/cm³ ±0.03	Abrasion Loss, mm³ (at 10 N)	Tear Strength, N/mm	Polymer
R-6700	●	5	400	70	1.45	250	20	HYPALON
R-6701	●	7	350	70	1.38	200	50	HYPALON
R-6702	●	12	350	70	1.32	175	40	HYPALON

STANDARD THICKNESS

 3mm ~ 50mm

STANDARD PRODUCTION WIDTH

 1200mm ~ 2000mm

STANDARD ROLL LENGTH

 10m - 50m

RANGE

- With & without bonding layer
- With tear off fabric backing
- Buffed back